THORNTON CLEVELEYS

URBAN DISTRICT COUNCIL

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND

CHIEF PUBLIC HEALTH INSPECTOR

FOR THE YEAR

1958.

THORNTON CLEVELEYS URBAN DISTRICT COUNCIL.

HEALTH COMMITTEE - 1958

CHAIRMAN:	Councillor F.R.CAVE.
VICE-CHAIRMAN:	Councillor MISS E.PORTER.
	Councillor E.BUCKLEY,F.C.A.
	Councillor MRS I. CASS.
	Councillor H. FAIRY.
	Councillor A. GRIMSHAW.
	Councillor A. HAMPSON.
	Councillor A.L.SIMPSON,J.P.

CHAIRMAN OF THE COUNCIL:

COUNCILLOR A.L.SIMPSON, J.P.

PUBLIC HEALTH OFFICERS.

MEDICAL OFFICER OF HEALTH:

CHARLES ROBERTSON WILSON, M.B., Ch.B., D.P.H.,
(From 1st May, 1958).

CHIEF PUBLIC HEALTH INSPECTOR AND CLEANSING OFFICER:

ARTHUR EDWARD BARNES, M.R.S.H., M.P.H.I.A., M.I.P.C.
(Certified Meat and Food Inspector).

STAFF.

TECHNICAL:

Public Health Inspector.	HAROLD MALLINSON. Retired County Sanitary Officer. (Temporary Appointment). Resigned 17.5.58.
Public Health Inspector.	KENNETH E. EMERY. M.R.S.H., M.P.H.I.A., (From 1st December, 1958). Former Technical Assistant.
Technical Assistant.	JEFFREY HILL.

CLERICAL:

Chief Clerk:	MISS S.A. SIMCOCK.
Clerk:	JOHN S. SHEDWICK.

MEDICAL OFFICER'S REPORT.

Council Offices,
THORNTON CLEVELEYS.

To the Chairman and Members of the
Thornton Cleveleys Urban District Council.

Mr.Chairman, Ladies and Gentlemen,

I have the honour to submit the report of the Medical Officer of Health for the year 1958.

The general health of the Urban District has been satisfactory and compared with 446 cases in 1957, only 70 cases of notifiable infectious disease are on record. A limited outbreak of Measles and Chickenpox accounted for 53 of these. The only item at all serious was the occurrence of 3 cases of Poliomyelitis and one at any rate of these, has been very ill. It is to be hoped that the Poliomyelitis vaccine may in the end, prove as successful in eliminating this serious illness as has been the Diphtheria antigen with that disease.

The Birth Rate in the district was up a little in 1958, the Death Rate only showing a fractional difference. There has again been no loss of life in childbirth, but the Infant Mortality Rate was a little higher, there having occurred 5 as against 3 deaths of infants under one year old. Of these 5, 2 occurred in less than four weeks after birth, and the remaining 3 were under six months old.

The conditions of the Fylde Coast seem to foster longevity, for of 293 deaths during the year, 224 were aged 65 years or over. 61 of the remainder were of persons aged between 45 and 65 years. Again, looking over the causes of death, 182 of the deaths were due to disease of the heart and/ or blood vessels and 47 due to malignant growths. Thus 229 of the 293 deaths were due to causes of the degenerative type to which ageing people are prone.

My thanks are due to Mr.Barnes and the Health Department staff for their ready assistance, and to the Chairman and members of the Health Committee.

I am,

Ladies and Gentlemen,

Yours faithfully,

C. ROBERTSON WILSON.

Medical Officer of Health.

VITAL STATISTICS.

Home Population(Registrar-General's estimate mid-1958)..... 16,850

LIVE BIRTHS:	M.	F.	Total.
Legitimate.....	107	112	219
Illegitimate.....	4	-	4
	111	112	223

Live Birth Rates per 1,000 of the Population:-

Crude Rate.....	13.2
Adjusted Rate.....	16.0
Illegitimate live births per cent of total live births.....	1.8

DEATHS(ALL CAUSES):	M.	F.	Total.
Number registered.....	162	131	293

Death Rate per 1,000 of the Population:-

Crude Rate.....	17.4
Adjusted Rate.....	13.4

STILLBIRTHS:	M.	F.	Total.
Legitimate.....	3	1	4
Illegitimate.....	-	-	-
	3	1	4

Rate per 1,000 total births..... 17.6

MATERNAL MORTALITY:

Number of Deaths registered.....	NIL.
Maternal Mortality Rate per 1,000 Total Births.....	NIL.

INFANT MORTALITY:	M.	F.	Total.
No. of deaths registered(under 1 yr.).	5	-	5

Rate per 1,000 LIVE Births.....	22.4
Rate per 1,000 LIVE Births(Legitimate)	22.4
Rate per 1,000 LIVE Births(Illegitimate)....	NIL.

NEO-NATAL:	M.	F.	Total.
No. of deaths registered(under 4 wks)..	2	-	2

Rate per 1,000 LIVE Births..... 9.0

VITAL STATISTICS - CONTINUED.

	PER 1,000 OF ESTIMATED POPULATION				Maternal Mortality Rate.	Infantile Mortality Rate.
	Live Birth Rate(Crude)	Crude Death Rate.	Death Rate from Tuberculosis of respiratory system.	Death Rate from Cancer	Per 1,000 live births.	Per 1,000 live births.
MEAN OF 5 YEARS:						
1953-1957.	10.66	16.2	0.128	2.46	1.18	29
1957.	11.50	17.2	0.060	2.13	Nil.	16
1958.	13.20	17.4	Nil.	2.91	Nil.	22
INCREASE OR DECREASE IN 1958 ON 5 YEARS' AVERAGE:						
1953-1957.	+ 2.54	+ 1.2	-0.128	+0.45	-1.18	- 7
ON PREVIOUS YEAR:						
1957.	+ 1.70	+ 0.2	-0.60	+0.78	Nil.	+ 6

1958 - Adjusted Birth Rate(Comparability factor 1.21) = 16.0

1958 - Adjusted Death Rate(Comparability factor 0.77) = 13.4

BIRTH, DEATH & INFANTILE MORTALITY RATES(ADJUSTED):

Year.	Birth Rate.	General Death Rate.	Infantile Mortality Rate.
1955	12.1	11.6	46
1956	14.5	12.6	37
1957	13.9	13.3	16
1958	16.0	13.4	22

STATISTICAL SUMMARY.

Area in statute acres...	3,355
Population(1951 Census).	15,437
Population(estimated mid-1958)..	16,850
Density of Population per acre..	5.0
Estimated number of inhabited houses(Dec.1958).. ...	6,429
Average number of persons per house.	2.6
Rateable Value..	£264,201
Sum represented by a Penny Rate.	£1,087
Live Births.	223
Live Birth rate per 1,000 Population(adjusted).. ...	16.0
Still Births	4
Still Birth Rate per 1,000 live & still births.. ...	17.6
Total live and still births.	227
Infant deaths(under 1 year).	5
Infant mortality rate per 1,000 live Births(Total)..	22.4
Infant mortality rate per 1,000 live Births (legitimate)	22.4
Infant mortality rate per 1,000 live Births (illegitimate)	Nil.
Neo-Natal mortality rate per 1,000 Live Births(first 4 weeks). ...	2
Illegitimate live births per cent of total live births. ...	1.8
Maternal deaths(including abortion).	Nil.
Maternal mortality rate per 1,000 live and still births. ...	Nil.
Respiratory Tuberculosis Rate per 1,000 Population..	Nil.
Cancer Death Rate(Malignant Neoplasm)...	2.8
Influenza Death Rate	Nil.
Pneumonia(all forms)death rate).	0.5
Other Respiratory diseases(all forms)...	0.6

LOCAL ACTS IN FORCE IN THE DISTRICT DEALING WITH SANITARY ADMINISTRATION.

Thornton Urban District Council Act.	31st July,1923
Thornton Cleveleys Improvement Act..	31st July,1936
Lancashire County Council(General Powers)Act	1951

BYE-LAWS.

New Streets and Buildings...	1926 & 1937
Building Bye-Laws(Public Health Act,1936)... ...	1954
Pleasure Grounds	1938
Bye-laws under Sec.15, Food & Drugs Act,1938 ...	1950
Bye-laws under Sec.81, Public Health Act,1936...	1951
Bye-laws under Sec.61, Public Health Act,1936 & Sec.24, Clean Air Act,1956..	1959

PHYSICAL FEATURES AND GENERAL CHARACTER OF THE DISTRICT.

By the Lancashire(Central and Western Areas)Review Order,1934, a part of the Township of Carleton, containing 354 acres, was added to the Urban District on the 1st April,1934. The district is bounded on the West by the Irish Sea; on the East by the River Wyre; on the North by the Borough of Fleetwood and on the South by the County Borough of Blackpool.

GEOLOGY.

The general sub-soil of the district is clay, which is overlaid with a thick layer of alluvial deposit (blue silt), varying in thickness from four to eight feet. On top of this is a thin layer (about four inches) of peaty matter. This was found in considerable thickness in Butts Road (North Ward) and also in Fleetwood Road(South Ward). On top of this again is a layer of sandy soil or a mixture of soil and clay, varying in thickness from two-and-a-half feet to four feet. The surface covering is about six inches in thickness. From above downwards, we get (1) surface covering, (2) mixture of soil and clay or sandy soil, (3) peat, (4) blue silt, (5) boulder clay.

CLIMATE.

The prevailing wind is a westerly sea breeze and together with the usually mild winters, produces a temperate and very bracing climate.

AREA AND DETAILS OF POPULATION.

As previously mentioned, the area of Thornton Cleveleys was increased by the inclusion of a part of the Parish of Carleton, on the 1st April,1934, the total area now being given as 3,355 acres.

The average number of persons per acre is 5.

WARD BOUNDARIES.

The Ward Boundaries were altered during the year and are due to come into operation during May,1959.
The Wards as they are at present, are as follows:-

NORTH WARD. This is the industrial area of the district and has within its boundaries the Works of the Imperial Chemical Industries,Ltd. It is bounded on the North by the Borough of Fleetwood; on the West by the Eastern boundary of South Ward, and on the East, by the River Wyre. Its Southern boundary cuts the remaining portion of the district roughly in half and forms the Northern boundary of East Ward.
The number of houses in North Ward is 757.

SOUTH WARD. The Western boundary adjoins that of West Ward and its Eastern boundary is a building plot depth west of Fleetwood Road, which it follows throughout the district. It is flat in character and is residential, a portion of Cleveleys being within its boundaries.
The number of houses in South Ward is 2,139.

EAST WARD. This is the agricultural area of the district and also includes part of the added area. Its boundaries adjoin the North and South Wards; the River Wyre and the Urban District of Poulton-le-Fylde.
The number of houses in East Ward is 1,794.

WEST WARD. This ward was reduced in size on the alteration of the boundaries. Its Eastern boundary is now a building plot depth east of Cleveleys Avenue. This Ward is in the Cleveleys portion of the district, a rapidly growing seaside resort which enjoys an increasing popularity with visitors from inland towns. It is flat in character, with a slight slope Eastwards.
The number of houses in West Ward is 1,739.

SOCIAL CONDITIONS, INDUSTRIES,ETC.

During the last few years, the Western portion of the district has rapidly developed as a seaside holiday resort, and with the additional amenities now provided, together with the activities of private builders, the district as a whole has greatly benefited.

The largest employers of labour within the district are the Imperial Chemical Industries,Ltd. who have large chemical and plastic works on the Northern boundary. There is still a large portion of the district devoted to agriculture. Many people are employed at the Offices of the Ministry of Health, Pensions and National Insurance, which are situated in our area.

VITAL STATISTICS.

Population at Census 1951...	15,437
Population mid-1958(Registrar-General's estimate)...	16,850
Number of inhabited houses at 31st December,1959 ...	6,429
Average number of persons per house.	2.6

BIRTHS.

During the year 223 births were recorded by the Registrar-General, comprising 111 males and 112 females.

Birth Rate for district(adjusted): 16.0 per 1,000 as against 13.9 for 1957.

Still-births: 17.6 per 1,000(live & still) births.

DEATHS.

Based on a population of 16,850, the Registrar-General gives the Death Rate(adjusted) as 13.4, compared with 13.3 for 1957.

The allocation to the various Wards of the District (after excluding transferable deaths and including local residents dying outside the district) is as follows:-

Ward.	Males.	Females.	Total.
North.	14	17	31
South.	48	32	80
East.	43	40	83
West.	57	42	99
	162	131	293

DEATH RATE PER 1,000 OF POPULATION FOR:

(1) Influenza...	Nil.
(2) Other Respiratory Diseases(all forms)...	0.6
(3) Pneumonia (all forms)...	0.5
(4) Tuberculosis - Pulmonary	Nil.
(5) Tuberculosis - Non-Pulmonary	Nil.
(6) Malignant Neoplasm. (Cancer)	2.8

INQUESTS AND INQUIRIES.

During the year there were 28 Inquests and Inquiries on persons dying in this area, as follows:-

NORTH WARD.

1.	Female.	84 years.	Accidental - fractured right femur.
2.	Male.	55 years.	Cerebral Haemorrhage.

SOUTH WARD.

3.	Male.	72 years.	Coronary Thrombosis.
4.	Male.	72 years.	Coronary athero sclerosis.
5.	Male.	78 years.	Coronary Thrombosis.
6.	Female.	66 years.	Haemothorax due to ruptured aneurysm of thoracic aorta due to extensive atherosclerosis of the aorta.
7.	Male.	76 years.	Misadventure - fractured skull. (road accident).
8.	Male.	7 weeks.	Misadventure (under anaesthetic).
9.	Male.	55 years.	Coronary Thrombosis.

EAST WARD.

10.	Male.	50 years.	Misadventure - asphyxia.
11.	Male.	61 years.	Natural causes.
12.	Female.	69 years.	Hypostatic pneumonia.
13.	Female.	82 years.	Accidental - hypostatic pneumonia.
14.	Female.	85 years.	Accidental - hypostatic pneumonia.

WEST WARD.

15.	Female.	77 years.	Misadventure-knocked down by car.
16.	Male.	72 years.	Myocardial fibrosis due to Coronary Athero sclerosis.
17.	Female.	75 years.	Accidental - fractured pelvis. (falling downstairs).
18.	Female.	77 years.	Carbon Monoxide poisoning-Suicide.
19.	Male.	65 years.	Haemorrhage due to rupture of aortic aneurysm due to atheroma.
20.	Male.	65 years.	Coronary occlusion due to athero sclerosis.
21.	Male.	56 years.	Coronary Thrombosis.
22.	Male.	75 years.	Myocardial degeneration.
23.	Male.	57 years.	Coronary Thrombosis.
24.	Female.	68 years.	Found drowned.
25.	Female.	53 years.	Misadventure-knocked down by car.
26.	Male.	26 years.	Misadventure-asphyxia due to drowning.
27.	Male.	67 years.	Misadventure-fractured skull(due to fall).
28.	Male.	56 years.	Coronary Thrombosis.

AGES AT DEATH.

	Males.	Females.	Total.
Under 1 week...	-	-	-
1 week - 6 months..	5	-	5
6 months - 12 months...	-	-	-
TOTAL UNDER 1 YEAR.	5	-	5
1 - 5 years	-	-	-
TOTAL UNDER 5 YEARS	5	-	5
5 - 15 years...	-	-	-
15 - 25 years..	-	-	-
25 - 45 years..	3	-	3
45 to 65 years.	34	27	61
65 years and over..	120	104	224
	162	131	293

CAUSES OF DEATH.

	Males.	Females.	Total.
ALL CAUSES...	162	131	293
Meningococcal infections.	1	-	1
Malignant Neoplasm, stomach..	6	5	11
Malignant Neoplasm,Lung, bronchus ...	6	2	8
Malignant Neoplasm, breast...	-	1	1
Malignant Neoplasm, uterus...	-	3	3
Other malignant & lymphatic neoplasms	14	10	24
Leukaemia, aleukaemia	1	1	2
Vascular lesions of nervous system...	16	17	33
Coronary disease, angina.	30	8	38
Hypertension with heart disease.. ...	5	6	11
Other heart disease..	50	39	89
Other circulatory disease	4	7	11
Pneumonia	4	5	9
Bronchitis...	4	4	8
Other diseases of respiratory system.	1	1	2
Ulcer of stomach & duodenum..	1	2	3
Gastritis, enteritis & diarrhoea. ...	1	1	2
Nephritis & nephrosis	3	3	6
Hyperplasia of prostate..	2	-	2
Congenital malformations.	3	-	3
Other defined & ill-defined diseases.	7	8	15
Motor Vehicle accidents..	1	2	3
All other accidents..	2	5	7
Suicide..	-	1	1

INFECTIOUS DISEASE.

There were 70 cases of Infectious Disease notified during the year, as against 446 cases during 1957, and were as follows:-

	Total cases notified.	Cases admitted to Hospitals or Sanatoria.
Measles...	23	-
Scarlet Fever.	7	-
Pneumonia.	2	-
Erysipelas	3	-
Chicken Pox...	30	-
Acute Poliomyelitis... ...	3	3
Pulmonary Tuberculosis ...	2	3
	70	6

The distribution in relation to the various Wards of the district is as follows:-

	North.	South.	East.	West.	Total.
Measles...	1	3	1	2	7
Scarlet Fever.	3	5	5	10	23
Pneumonia.	-	2	-	-	2
Erysipelas	-	1	-	2	3
Chicken Pox...	5	9	11	5	30
Acute Poliomyelitis... ...	2	-	-	1	3
Pulmonary Tuberculosis ...	-	-	1	1	2
	11	20	18	21	70

CASES NOTIFIED.

The following Table shows the number of cases and the months in which they were notified:-

DISEASE:	JAN.	FEB.	MAR.	APL.	MAY.	JUNE.	JULY.	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL:
Measles.	-	-	-	-	-	1	1	1	-	-	1	3	7
Scarlet Fever.	7	2	1	-	-	-	-	-	-	4	6	3	23
Pneumonia.	-	-	-	-	-	-	-	-	-	-	2	-	2
Erysipelas.	1	-	-	-	-	-	-	1	-	-	1	-	3
Chicken Pox.	1	4	8	10	-	-	3	-	-	-	4	-	30
Acute Poliomyelitis.	-	-	-	-	-	-	-	-	2	-	1	-	3
Pulmonary Tuberculosis.	-	-	1	1	-	-	-	-	-	-	-	-	2
TOTAL:	9	6	10	11	-	1	4	2	2	4	15	6	70

CASES NOTIFIED.

AGE PERIODS.

DISEASE.	Under 1 yr.	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	Over 65	TOTAL.
Measles.	-	2	-	2	-	2	-	1	-	-	-	-	7
Scarlet Fever.	-	-	-	4	3	15	1	-	-	-	-	-	23
Pneumonia.	-	-	-	-	-	-	-	-	-	-	1	1	2
Erysipelas.	-	-	-	-	-	-	-	-	-	-	3	-	3
Chicken Pox.	1	-	-	2	-	22	5	-	-	-	-	-	30
Acute Poliomyelitis.	1	-	-	-	-	1	-	-	1	-	-	-	3
Pulmonary Tuberculosis.	-	-	-	-	-	-	-	-	1	-	1	-	2
TOTAL:	2	2	-	8	3	40	6	1	2	-	5	1	70

TUBERCULOSIS.

The following Table shows the age periods of the cases notified and deaths which have occurred.

AGE GROUPS.	NEW CASES.				DEATHS.			
	PULMONARY.		NON-PULMONARY.		PULMONARY.		NON-PULMONARY.	
	MALES.	FEMALES.	MALES.	FEMALES.	MALES.	FEMALES.	MALES.	FEMALES.
1 - 5 yrs.	-	-	-	-	-	-	-	-
5 - 10 yrs.	-	-	-	-	-	-	-	-
10 - 15 yrs.	-	-	-	-	-	-	-	-
15 - 20 yrs.	-	-	-	-	-	-	-	-
20 - 25 yrs.	-	1	-	-	-	-	-	-
25 - 35 yrs.	-	-	-	-	-	-	-	-
35 - 45 yrs.	-	-	-	-	-	-	-	-
45 - 55 yrs.	-	-	-	-	-	-	-	-
55 - 65 yrs.	1	-	-	-	-	-	-	-
65 yrs. & over.	-	-	-	-	-	-	-	-
TOTAL:	1	1	-	-	-	-	-	-

BACTERIOLOGICAL EXAMINATIONS.

These are carried out at the Public Health Laboratories at Blackpool, Preston and Manchester.

MATERNITY AND CHILD WELFARE.

The following Services are administered by the Health Committee of the Lancashire County Council and the information has been obtained from the Divisional Medical Officer of Health. One Clinic is situated in the Thornton area and a new Clinic, opened in 1956, is in the Cleveleys area.

	Thornton Child Welfare Clinic:	Cleveleys Child Welfare Clinic:
(a) No. of occasions Child Welfare Centre was open...	50	49
(b) Individual children attending:		
Under one year..	172	144
1 - 2 years.	110	52
Over 2 years	80	40
(c) Attendances of children:		
Under one year..	2580	1866
1 - 2 years.	601	300
Over 2 years	393	191

Number of expectant mothers attending the Ante-Natal Clinic... 408

Number of actual visits.. 1063

Number of occasions Clinic was open.. 48

Number of mothers attending the Post-Natal Clinic ... 209

Number of actual visits.. 232

Number of occasions Clinic was open.. 48

FOOD POISONING OUTBREAKS.

No. of Cases.	No. of deaths.	Organisms or other agents responsible.	Foods involved.
None.	None.	None.	None.

CHIEF PUBLIC HEALTH INSPECTOR'S REPORT.

Council Offices,
THORNTON CLEVELEYS.

TO THE CHAIRMAN AND MEMBERS OF THE
THORNTON CLEVELEYS URBAN DISTRICT COUNCIL.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present the Annual Report of the Sanitary and Cleansing Department of the Council for the year 1958.

During the year the work of the department has continued satisfactorily, often under some pressure as a result of new legislation, and much time and energy has been expended to improve the general standards in the environmental health field.

A lot of attention has again been given to the inspection and supervision of food premises and it is pleasing to report that due to the co-operation of owners and occupiers, the work is nearing completion. No adverse reports were received on samples taken by us, of the various types of milk sold in the district and little trouble was experienced in the quality of ice cream.

Some work has been done under the provision of the Housing Act, 1957, in accordance with the Council's programme, but we hope to accelerate this work during the coming year with a view to eliminating all individual houses requiring formal action. The Council are proposing to make provision of some one-bedroom bungalows for the aged population which will meet a much desired need in this area.

The Public Cleansing Service has again maintained a high standard of efficiency and a weekly collection has been in operation during the year. The cost for this service is continually increasing and extra vigilance is required by constant review to keep the cost within reasonable limits. The collection costs show an increase, whilst the cost for refuse disposal is much higher, due to the construction of an embankment on the River Foreshore.

I wish to record my sincere thanks to the members of the Council and the Health Committee for their ever-ready help and co-operation in all matters affecting the sanitary conditions of our district.

I especially thank the members of my staff for their helpful and loyal co-operation during the year.

I am,

Ladies and Gentlemen,

Yours faithfully,

A. E. BARNES.

SANITARY CIRCUMSTANCES IN THE AREA.

WATER SUPPLY.

The district is supplied by the Fylde Water Board, the water being of good quality, pleasantly soft and of a peaty nature. Only one outlying house depends on well water.

Five samples of water were obtained from the mains supply. Two were submitted for bacteriological examination and three for chemical analysis and all were satisfactory. Six samples were also taken by the Fylde Water Board from a tap in the Council's Depot, for bacteriological examination and these also proved satisfactory.

The water supply has been satisfactory in quality and quantity throughout the year.

Statistics.

Total number of houses supplied by Fylde Water Board..	6428
Total number of houses dependent upon well water.....	1
	6429

The only house in the district dependent upon well water is remote from any mains supply and it would be impossible, except at exorbitant cost, to have it connected to the mains supply.

DRAINAGE AND SEWERAGE.

Owing to the flat nature of the district, a system of electrical pumps and ejectors worked by compressed air, is in operation. The sewage is discharged near dead low water mark into the sea. No extensive additions were made to the sewers during the year, but additions were made to drain new housing estates.

Statistics.

Dwelling-houses using water carriage system.....	6404
Dwelling-houses using waste water closets.....	-
Dwelling-houses using privy middens.....	1
Dwelling-houses using pail closets.....	23
Dwelling-houses dependent upon well water.....	1
	6429

Conversions during the year.

There was one conversion during the year, from a pail closet to a fresh water closet. It will not be possible for further conversions to take place until the sewers are extended. The twenty-four premises without modern sanitary accommodation are farms or outlying cottages and to which no sewers are available. There is still one privy midden which has not yet been converted to a pail closet.

DRAINAGE.

There are some premises in the district which are not connected to the Council's sewers, but which have septic tanks and filters, some of which discharge to adjacent watercourses. Some of these are not satisfactory but are mostly in districts where no sewers are available.

Improvements obtained as a result of action by the department.

New 4" drains laid...	2
New 6" drains laid...	2
Provision of new inspection chambers.	2
Provision of new rest bend to soil pipes.	4
Septic tank cleansed.	1
New drainage system from farm premises laid to connect to Council's sewer...	1
Total number of drains cleansed by department ...	179

The department employs a man part-time on drainage work, the cost of clearing and cleansing the blocked drains being borne by the owner or occupier. This service to the public is much appreciated and also helps in the efficient working of the department. Preparation and service of notices is thus avoided, unless the blockage is due to structural defect of the drains.

The work of the Public Cleansing section of the department has proceeded in a satisfactory manner. The collection of household refuse and salvage was carried out by a "W" type S.D. 16 cu.yd. side-loading freighter and two new fore and aft tippers, "W" type, all with cabs to accommodate driver and loaders. A special weekly collection of wastepaper salvage from shop and business premises was carried out by one 11 cu.yd. S.D.freighter.

Throughout the year a weekly collection of refuse and salvage from all premises in the district, was maintained. This is essential if we are to maintain our salvage collection. During the year we received delivery of a new fore and aft S.D.tipping vehicle.

Costings-Refuse Collection(Year Ending 31st March,1959).

	£	£
Total gross cost involved - collection of house, shop & trade refuse.....		11016
Net Cost of Salvage: Sales.....	1881	
Cost.....	1898	17
		11033
Income - Trade Refuse, etc.....		134
		10899

	£
Expenditure per 1,000 houses per annum.....	1695
Expenditure per 1,000 population per annum.....	647

DISPOSAL OF REFUSE.

The Council own a plot of land approximately 9 acres in extent, for the purpose of refuse disposal, and at the end of the year there was still a certain amount available for tipping. The Council actively persued the question of the purchase of land adjacent to the River Wyre Foreshore and the construction of an embankment, enclosing some of the marsh land. This was subsequently constructed and since May,1958, all refuse collected has been disposed of on this site. The embankment has been covered with turf and is proving satisfactory and withstanding the action of the tides.

There seems to be no reason why, in the future, a much larger amount of the marsh land on the river foreshore should not be reclaimed. It is hoped to convert the reclaimed land into playing fields and park land. The question of mechanical aids in regard to refuse disposal is continually under review, but due to the comparatively small amount of refuse to be disposed of, no such aids were employed.

Costings-Refuse Disposal(Year Ending 31.3.59).

Number of loads...	1618
Estimated weight(tons)	5663
Total Cost	£4231
Cost per ton..	15/-
Cost per 1,000 houses per annum...	£658
Cost per 1,000 population per annum...	£251

Costings-Refuse Collection & Disposal(Year ending 31.3.59).

Total Cost	£15,130
Cost per 1,000 houses per annum...	£ 2,563
Cost per 1,000 population per annum...	£ 898

COLLECTION & DISPOSAL OF SALVAGE.

The Council continued with the collection of waste-paper and other salvage during the year, although there was little call for iron, metals and tins. The price for waste-paper dropped by 10/- a ton to £7. in June,1958 and by another 10/- to £6. 10. 0. per ton in December,1958. The tonnage of paper and other salvage collected was slightly lower than in 1957. During the 18 years ending 31st December,1958, 4,910 tons of salvage have been disposed of for a sum of £30,113 - a yearly average over the period of 273 tons collected and income of £1,673.

Thanks are due to all the workmen engaged in refuse and salvage collection and disposal, for the co-operation they have given during the year.

SALVAGE DISPOSED OF DURING YEAR ENDING 31st DEC.1958.

	tons.	cwts.	lbs.	£.	s.	d.
Wastepaper...	282.	1.	28.	2027.	3.	0.
Loose Tins...	6.	5.	0.	14.	1.	3.
Mixed Rags...	1.	10.	41.	26.	16.	10.
Carpet & String.. ...		17.	9.	2.	2.	0.
Mixed Iron...		19.	0.	1.	0.	0.
Mixed Metals.		1.	56.	6.	10.	1.
Miscellaneous	-	-	-	9.	2.	9.
	291.	14.	22.	2086.	15.	11.

REFUSE COLLECTION STATISTICS.

	Jan.- Dec.1958.
Estimated tonnage collected...	5,901
Total mileage run by vehicles.	20,205
Number of visits to premises..	332,072
Number of ash bins emptied	364,497

EMPLOYEES.

Foreman...	1
Motor Drivers.	3
Refuse and Salvage Collectors.	12
Paper Balers..	1
Tip Attendants	2

Total: 19.

The above figures show the minimum labour requirements of the department, but it will be necessary from time to time to increase this labour force due to the growth of the number of houses in the district. In addition, it will be necessary to use supplementary labour on occasions, particularly during the holiday period.

Nearly 8,000 more visits to premises were made during the year and nearly 7,000 more bins were emptied. One new "W" type S.D.refuse collection vehicle was put into commission and this has reduced the number of loads and visits to the tip. The collection of refuse in this district has to be kept under constant review or it could become a very expensive item.

MONTHLY ANALYSIS OF REFUSE COLLECTION AND DISPOSAL.

Month.	Loads.	Visits to premises.	Ashbins emptied.	Mileage.
January.	144	28,598	31,582	1,753
February.	126	28,648	31,471	1,653
March.	128	27,497	30,460	1,628
April.	122	28,119	31,233	1,881
May.	166	30,974	33,919	2,112
June.	144	27,259	29,846	1,984
July.	114	25,537	27,857	1,719
August.	164	31,404	34,492	1,864
September.	136	24,493	26,831	1,375
October.	122	25,994	28,051	1,268
November.	144	26,702	29,051	1,373
December.	176	26,847	29,704	1,595
	1,686	332,072	364,497	20,205

It is established that the "W" type vehicles have an average load capacity of 3 tons. 10 cwts. and it is assumed that we disposed of 5,901 tons during the year.

SANITARY INSPECTIONS.

The following table shows the number of inspections carried out during the year:

Number of premises visited...	3,540
Number of defects or nuisances discovered	297
Number of defects or nuisances abated	250
Number of informal notices served	12
Number of statutory notices served...	6

Work carried out:

Sanitary Accommodation:	
W.Cs.repaired, limewashed and cleansed...	4
New W.Cs. and pedestals provided or replaced. ...	2
W.Cs. provided with artificial lighting..	1
W.C. roof and doors repaired.	5
W.C. conversion to fresh water closet	1
Rest bends renewed...	1
Flushing cistern provided with water supply.. ...	2
Septic tanks cleansed	1
Drainage and Yards:	
Yards concreted..	1
Inspection chambers provided and/or repaired. ...	3
Provision of gullies.	5
Drains relaid	4
Drains cleansed from obstruction.	179
Housing:	
Roofs repaired and made weatherproof.	1
Chimney pots fitted and stacks repaired..	2
Eavesgutters repaired	1
Defective spouting repaired or replaced..	1
Additional windows provided & existing windows repaired or made to open.	6
Defective steps repaired.	1
Dilapidated walls and ceilings repaired..	1
Defective doors repaired or new doors provided...	2
Lighting of rooms improved...	1
Ventilation improved.	2
New wash-hand basins provided	1
Other Works:	
Flooded gardens and cellars cleared..	3
Smoke, smell and noise nuisances dealt with.. ...	4
Offensive accumulations removed..	7
Midden stead built...	1
New bakehouse built..	1
Piggery improvements.	1
Factories limewashed.	1
	246

SUMMARY OF VISITS MADE.

Number of complaints received and investigated...	457
Visits to defective drains and drains tested, etc	224
Drains cleansed from obstruction.	179
Visits to owners, agents and contractors.	19
Inspection of Dairies, milkshops, vehicles, machines...	18
Visits to food premises-Food Hygiene Regulations.	839
Visits to unsound foodstuffs.	69
Visits to premises where ice cream is sold...	28
Visits to piggeries and re pig-keeping...	84
Inspection of Shops (Shops Act, 1950).	763
Samples taken: Ice Cream..	52
Milk (all kinds)...	110
Water..	5
Visits to factories and workplaces...	153
Visits to caravans and sites.	18
Visits to infectious disease cases...	100
Visits re rodent control(eradication)	320
Visits re rodent control(search and survey)..	145
Visits re other vermin...	55
Visits re refuse & salvage collection & disposal.	1984
Articles and books disinfected...	112
Premises disinfected.	22
Articles destroyed...	36
Enquiries re Council house tenancies.	94
Visits to tenanted Council houses	8
Housing Survey - Sub-standard houses.	9
Visits re Improvement Grants.	24
Housing Inspections - Public Health Act..	31
Housing Inspections - Housing Acts(defects etc.).	144
Nuisances dealt with.	14
Smoke, smell and noise observations..	24
Inspection of offices	31
Visits re flooded land, gardens & water under floors.	43
Visits to dykes and watercourses.	29
Revisits to work ordered or in progress..	227
Visits re National Assistance Act	10
Visits re Agriculture Act, 1956...	54
Visits re Clean Air Act..	5
Visits to yards and passages.	4
Visits re Rent Act, 1957..	91
Miscellaneous Inspections	192
	6726

PUBLIC HEALTH ACT, 1936.
HOUSING ACTS, 1936-49.

Details of Statutory Notices Served.

Act and Section.	Reason for Notices.	No. of Notices served.	No. complied with at end of year.
Housing Acts, 1957. Sec. 9.	Housing defects.	2	1
Public Health Act, 1936. (Sec. 45).	Broken W.C. pan.	1	1
Public Health Act, 1936. (Sec. 93).	Smoke nuisance.	1	1
Public Health Act, 1936. (Sec. 39).	Defective gutters.	2	1

SMOKE ABATEMENT.

Some complaints have been received during the year regarding alleged smoke nuisances and these were investigated by the department. Appropriate action was taken where necessary.

OFFICES.

The offices in the area are inspected annually and comply with the requirements of the Public Health Act, 1936.

SWIMMING BATHS AND POOLS.

There are no public or privately-owned baths or pools in the area which are open to the public.

OFFENSIVE TRADES.

There are 11 in number and are confined exclusively to fish friers. Regular inspections are made and conditions generally are found to be satisfactory.

RAG FLOCK & OTHER FILLING MATERIALS ACT, 1951.

No premises in the area are licensed for the manufacture of rag flock or other filling materials. There are 3 premises on the register where filling materials are used. Inspections were carried out, the provisions of the Act being complied with.

PET ANIMALS ACT, 1951.

One pet shop was on the register at the end of the year. Inspections have been carried out and the businesses appear to be conducted in a proper manner, the provisions of the Act being complied with.

PUBLIC HEALTH AMENDMENT ACT, 1907. SEC. 86. DEALERS IN OLD METAL AND MARINE STORE DEALERS.

The provisions of the above Act are in operation and two Certificates are in existence in respect of premises in the Thornton Area.

SHOPS ACT, 1950.

A survey of shops was carried out twice during the year and for this purpose 763 inspections were made. Shops coming within the scope of the Factories Act have been included in the following list, the record of inspections being included under Factories.

Particulars of Shops visited.

Grocers and mixed businesses...	54
Bakers and Confectioners...	19
Sweets, tobacco, newsagents, stationers	38
Drapers and Fancy Goods, China and Antiques	33
Ladies and Gents Hairdressers..	26
Outfitters and Milliners...	28
Fried Fish Shops...	11
Butchers Shops.	21
Boot and Shoe Retailers and repairers..	16
Greengrocers, fishmongers and florists.	22
Chemists and Herbalists	12
Electric, gas, radio, T.V., cycle & car dealers, etc.	16
Hardware...	11
Off Licences...	6
Plumbers and Painters..	12
Furnishers.	9
Pet Stores.	1
Opticians..	3
Dyers and Cleaners and Agents..	5
Watch Repairers	4
Photographic Studios...	1
Second Hand Dealers	1
Booking Offices and Travel Agencies	2
Markets	2
Multiple Stores	1
Laundrette.	1
	355

MOVEABLE DWELLINGS & CAMPING SITES.

The control of moveable dwellings and camping sites in this area is under the Thornton Cleveleys Improvement Act,1936, and not the Public Health Act,1936.

We have no licensed sites, but the three in use are approved by the Council and comply with their requirements. They are permitted to be used for the following numbers of caravans.

No.1 Site...	206 caravans.
No.2 Site...	40 caravans.
No.3 Site...	30 caravans.

Each site has been conducted in a satisfactory manner and there has been no cause for serious complaint from a sanitary point of view.

It has been found upon investigation that some caravans are being used for permanent habitation. It is not the intention of the Council that they should be so used, but for holiday purposes only. When the housing position improves, it is intended that this practice should cease.

VERMINOUS PREMISES.

Several complaints received during the year were thoroughly investigated, advice and help being given.

Eradication of bed bugs is carried out by private contractors using hydrogen cyanide gas. Minor and new infestations are dealt with by the department in co-operation with the tenants or owners concerned.

Number of Complaints received & Eradications carried out.

Ants...	14
Cockroaches	2
Beetles	1
Bed Bugs...	1
Insects	2
Wasps..	3
Fleas..	1

RODENT CONTROL.

The test-baiting of the foul sewers was not carried out during the year, an Exemption Certificate being in operation until the 31st March,1959.

The charges for treatment are as follows:-

Private dwelling houses... ... ... 7/6d.
Boarding houses, hotels, business premises... ... ... Time @ 7/6d. hr. plus cost of baits.

Statistics for year(1st Jan.- 31st Dec.1958).

Number of complaints received	35
Number of infestations...	31
Number of visits for purposes of eradication.	320
Number of premises successfully treated by L.A... ...	31
Number of visits made - Search and Survey	145

PREVENTION OF DAMAGE BY PESTS ACT,1949.

It was not found necessary to serve any Statutory Notices under the provisions of the above Act. A few intimation notices were served and these were sufficient to secure the co-operation of the people concerned. We experienced no difficulty in regard to the operation of the Act.

Statistics for 12 months ended 31.12.58.

	Type of Property.		
	Non-Agricultural.		Agricultural.
	Dwelling-houses.	All other.	
a) No. of properties in district.	6429	650	60
b) No. of properties inspected...	15	16	4
c) Total inspections carried out(inc. re-inspections). ...	230	210	25
d) No. of properties inspected which were found to be infested by:-			
Rats - major.	-	3	4
Rats - minor.	10	4	-
Mice - major.	2	4	-
Mice - minor.	3	5	-
e) No. of infested properties treated..	13	14	4
f) Total treatments carried out (incl. re-treatments)	13	14	4
g) No. of "Block" control schemes carried out..	-	-	-

DISINFECTION.

Disinfection is carried out by means of a formalin spray or by formalin fumigators. A Thresh Steam disinfector is in the Council's Depot and is also used for bedding, clothing, books, etc. Disinfection is carried out on request in houses where deaths have occurred from cancer, infectious disease cases removed to hospital, and all cases where deaths have occurred from pulmonary tuberculosis.

Total number of infectious diseases notified... ...	70
Total number of premises disinfected...	12
Total number of articles disinfected...	112
Total number of articles destroyed.	36

SCHOOLS.

The general condition of the schools in the area can be considered satisfactory, each being supplied with Fylde Water and in each case modern water closets are provided. The six schools (excluding private schools) are under the control of the Lancashire Education Committee and are inspected as required.

DESTRUCTION OF DOMESTIC PETS.

The modern electrical chamber for the destruction of unwanted dogs and cats is not used as much as it was. Destruction by chloroform is now the most frequent method and for a charge of 1/-. any person can have a dog or cat painlessly destroyed. The department undertakes the proper disposal of the carcases.

Number of dogs destroyed in 1958...	45
Number of cats destroyed in 1958...	77
	122

Income from destruction of animals. ...	£6. 12. 0.
Income from sale of carcases...	£5. 0. 0.
	£11. 2. 0.

SHELL FISH.

There are no shell fish beds in our area.

MORTUARY.

[illegible] accordance

FACTORIES ACT, 1937.

Records are kept of all premises coming with the scope of the Factories Act and regular inspections are made. Particulars of inspections, defects, contraventions found and remedied, are enumerated in the following tables. There are no underground bakehouses in the district.

1. Inspection of Factories & Other Premises.

Premises.	No. on register.	Inspections.	Written Notices.
Factories(without mechanical power)...	35	57	-
Factories (with mechanical power)...	120	202	4
	155	259	4

2. Defects found in Factories & Other Premises.

	No. of cases in which defects were found.	
	Found.	Remedied.
Sanitary Conveniences:		
a) Unsuitable or defective:	7	4
b) Dirty:	4	2
	11	6

3. The following table gives the type of premises in area coming within the scope of the Factories Act.

Type of Factory.	With Mechanical Power.	Without Mechanical Power.
Bakehouses...	19	-
Plumbers and Painters	3	9
General Workers..	24	6
Joiners and Builders.	17	2
Motor Engineers..	11	1
Nurserymen...	6	15
Boot and Shoe Repairers.. ...	9	2
Hairdressers.	26	-
I.C.I. Works.	5	-
	120	35

4. Sec. 34. "Means of Escape in Case of Fire".

During the year 3 Certificates were issued in respect of 3 Plants and Premises.

H O U S I N G.

Number of new houses erected during 1958:

(i) By the local authority... ... ... -
(ii) By other bodies or persons... 314
(iii) Total number of houses in area... ... .6429

New Houses erected in 1958(Ward Distribution):

North Ward...	5
South Ward...	125
East Ward	152
West Ward	32
	314

1. Inspection of dwelling-houses during year:

(1) (a) Total no. of dwelling-houses inspected formally or informally for housing defects(under Public Health or Housing Acts)... 40
(b) No.of inspections, formal or informal, made for the purpose... 175

(2) Dwelling-houses unfit for human habitation and not capable at reasonable expense of being rendered fit:
(a) No. found during year. 8
(b) Total no.(or estimated number)existing at end of year... 38

(3) No. of dwelling-houses found during the year to be not in all respects reasonably fit for human habitation but capable of being rendered fit.. ... 23

2. Houses Demolished:

In Clearance Areas -	Houses Demolished.	Displaced during Year.	
		Persons.	Families
(1) Houses unfit for human habitation...	-	-	-
(2) Houses included by reason of bad arrangement,etc..	-	-	-
(3) Houses on land acquired under Sec.43(2)Housing Act,1957 ...	-	-	-
Not in Clearance Areas:			
(4) As a result of formal or informal procedure under Sec. 17(1)Housing Act,1957... ...	-	-	-
(5) Local Authority owned houses certified unfit by Medical Officer of Health...	-	-	-
(6) Houses unfit for human habitation where action has been taken under local Acts... ...	-	-	-
(7) Unfit houses included in Unfitness Orders.	-	-	-

3. Unfit Houses Closed:

	Number.	Displaced during year.	
		Persons.	Families.
(1) Under Secs.16(4),17(1), & 35(1),Housing Act,1957...	-	-	-
(2) Under Secs.17(3) & 26, Housing Act,1957.	-	-	-
(3) Parts of buildings closed under Sec.18,Housing Act, 1957.	-	-	-

4. Unfit Houses made Fit & Houses in which defects were remedied:-

	By Owner:	By L.A.
(1) After informal action by L.A...	10	-
(2) After formal notice under:		
(a) Public Health Acts.	-	-
(b) Housing Act,1957. Secs. 9 & 16. ...	2	-
(3) Under Sec.24. Housing Act,1957.	-	-

5. Unfit houses in Temporary Use - Housing Act,1957:

Position at end of year:	No. of houses: (1)	No. of separate dwellings contained in Col.(1) (2)
(1) Retained for temporary accommodation -		
(a) Under Sec.48...	-	-
(b) Under Sec.17(2)	-	-
(c) Under Section 46...	-	-
(2) Licensed for temporary occupation under Secs.34 or 53.	-	-

6. Purchase of Houses by Agreement:

	No. of houses: (1)	No. of occupants of houses in Col. (1). (2)
Houses in Clearance Areas other than those included in confirmed Clearance Orders or Compulsory Purchase Orders, purchased during the year...	-	-

7. RENT ACT, 1957.

APPLICATIONS FOR CERTIFICATES OF DISREPAIR.
(1st JANUARY,1958 to 31st DECEMBER,1958).

1.	Number of applications for Certificates...	21
2.	Number of decisions not to issue Certificates. ...	-
3.	Number of decisions to issue Certificates:	
	a) in respect of some but not all defects.. ...	2
	b) in respect of all defects...	9
4.	Number of undertakings given by landlords.	10
5.	Number of undertakings refused by Local Authority.	-
6.	Number of Certificates issued.	11

APPLICATIONS FOR CANCELLATION OF CERTIFICATES.
(1st JANUARY,1958 to 31st DECEMBER,1958).

7.	Applications by landlords to Local Authority for cancellation of Certificates...	8
8.	Objections by tenants to cancellation of Certificates...	-
9.	Decisions by Local Authority to cancel in spite of tenant's objection..	-
10.	Certificates cancelled by Local Authority.	8

8. HOUSING ACT,1957. SECTION 16.

1.	Individual houses reported upon to Council ...	12	Under consideration at end of year.
2.	Demolition Orders made		
3.	Undertakings accepted - "house ceased to be used for habitation"...		
4.	Undertakings accepted - "Render house fit for habitation"		
5.	Works completed during year in respect of undertakings...		
6.	Undertakings outstanding at end of year... ...		
7.	Houses demolished voluntarily as a result of informal action		

9. HOUSING ACT, 1949. IMPROVEMENT GRANTS, ETC.

Action during year:	Private bodies or individuals.		Local Authority:	
	No. of Schemes.	No. of dwelling houses or other buildings affected.	No. of Schemes.	No. of dwelling houses or other buildings affected.
(a) Submitted by private individuals to Local Authority...	6	6	-	-
(b) Approved by Local Authority...	3	3	-	-
(c) Submitted by Local Authority to Ministry ...	-	-	-	-
(d) Finally approved by Ministry ...	-	-	-	-
(e) Work completed...	2	2	-	-
(f) Additional separate dwellings included in (e) above...	-	-	-	-

M I L K S U P P L Y.

There are three dairies registered under the Milk & Dairies Regulations. These have been regularly inspected and particular attention has been paid to the cleanliness of the premises and equipment coming into contact with the milk.

The bulk of the milk consumed in this area is supplied by large dairies from outside the district and regular sampling of all designations of milk is carried out. One pasteurising plant approved by the County Authorities, is in operation in the area.

Distributors registered by Local Authority.

Distributors with premises in the district(including shops)...	39
Distributors with premises outside the district.. ...	10

Licences in force - Designated Milks.

Dealers - Tuberculin Tested milk...	15
Dealers - Pasteurised milk.	46
Dealers - Tuberculin Tested(Pasteurised)...	16
Dealers - Sterilised milk..	17
Supplementary Licences.	29

MILK SAMPLES - TUBERCLE BACILLI INOCULATION TEST.

	Absent.	Present.
Tuberculin Tested milk... ...	11	-

MILK SAMPLES.

	TOTAL:	Methylene Blue Test.		Phosphatase Test.	
		Satis.	Not Satis.	Satis.	Not Satis.
Tuberculin Tested...	10	10	-	-	-
Sterilised..	1	1	-	-	-
Pasteurised.	82	51	-	31	-
	93	62	-	31	-

FOOD AND DRUGS ACT, 1955.

NUMBER OF FOOD PREMISES BY TYPE OF BUSINESS, IN DISTRICT AT END OF YEAR.

TYPE OF BUSINESS.	NUMBER.
General grocers and provision dealers... ...	54
Greengrocers and fruiterers(including those selling wet fish, game, etc.)	14
Fishmongers(including those selling poultry, game, etc.)..	4
Meat shops(butchers, purveyors of cooked and preserved meats, tripe, etc.)	21
Bakers and/or confectioners.	19
Fried fish shops	13
Shops selling mainly sugar confectionery, minerals, ice cream, etc.	31
Licensed premises, clubs, canteens, cafes, restaurants, snack bars and similar catering establishments..	41

NUMBER OF FOOD PREMISES, BY TYPE, REGISTERED UNDER SECTION 16 OF THE FOOD AND DRUGS ACT, 1955; THE LANCASHIRE COUNTY COUNCIL ACTS, OR OTHER LOCAL ACTS.

TYPE OF BUSINESS.	NO. REGISTERED AT 31.12.58.	NO. OF INSPECTIONS.
Manufacturers of preserved food...	33	Inspections carried out when visiting under Food Hygiene Regulations.
Premises registered for manufacture of ice cream.	2	
Premises registered for sale of ice cream.	71	
Premises in area registered for Food Hawkers.	10	

FOOD AND DRUGS ACT, 1955.

The following information has been supplied by the County Medical Officer of Health (Dr.S.C.Gawne), with reference to the number of samples taken in this area by the County Public Health Inspectors.

Milk Samples...	56
Food Samples...	25
	81

Milk...	56	Syrup of hypophosphites...	2
Castor oil.	2	Bicarbonate of soda... ...	2
Fruit curd.	1	Flour confectionery... ...	1
Dripping...	1	Pickles...	2
Health Salts...	1	Headache tablets..	1
Meat - canned..	2	Cocktail cherries.	1
Cornflour..	1	Curry powder..	1
Parrishes chemical food	1	Ground ginger.	2
Liquid paraffin	2	Oats..	1
Angelica...	1		

The samples were analysed by the County Analyst and, with the exception of a sample of syrup of hypophosphites, details of which are given below, they were all reported to be genuine:-

Type.	Result of Analysis.	Action taken.
Syrup of Hypophosphites.	Contained iron equivalent to 0.43% w/v Ferr.Sulph. whereas formula declared 1.31%	Packers communicated with.

MILK & DAIRIES REGULATIONS,1949. REG.20.

No action was found necessary under the above Regulations.

BYE-LAWS UNDER SECTION 15. FOOD & DRUGS ACT,1938.

The bye-laws have been in operation in the district since 17th July,1950.

UNSOUND FOODSTUFFS.

It was found necessary after examination and tests, to accept the voluntary surrender of the following foodstuffs:-

Foodstuffs.	Tins.	Jars.	No.	Weight. cwts.	lbs.	ozs.
Meat:						
Jellied Veal...	3	-	-		18.	0.
Ham	17	-	-	1.	45.	10.
Corned Beef	3	-	-		19.	11.
Ox Tongues.	14	-	-		68.	8.
Luncheon Meat..	5	-	-		3.	15½
Steak..	3	-	-		3.	0.
Turkey.	-	-	1		19.	0.
Loin of Pork...	-	-	1		5.	6.
Bacon Rashers..	1	-	-		1.	0.
Meat Paste.	-	2	-			5½
Ox Liver(frozen)... ...	-	-	-		13.	0.
Chickens...	4	-	-		15.	8.
Vegetables:						
Cauliflowers...	-	-	9		-	-
Tins of Vegetables. ...	58	-	-		52.	1.
Pickled Onions.	-	1	-			10.
Fruit:						
Tins of fruit(various).	31	-	-		35.	1½
Marmalade..	1	-	-		10.	10.
Strawberry Jam.	1	-	-		1.	0.
Miscellaneous:						
Soup(various)..	2	-	-		1.	10.
Creamed rice	1	-	-			15½
Tomato Juice...	4	-	-		4.	14.
Crab...	1	-	-			6½
Evaporated milk	3	-	-		-	-
Jersey Potatoes	-	-	-		92.	15.
Coffee.	14	-	-		8.	0.
	166	3	11	4.	85.	3½

METHOD OF DISPOSAL OF CONDEMNED FOODS.

Occasionally condemned foodstuffs are burned in the Council's boiler, but mainly they are disposed of by burying on the Council's refuse tip.

I C E C R E A M.

During the year neither of the two ice cream factories manufactured Ice Cream, although registered for this purpose. The premises generally were of a satisfactory standard and possess the necessary modern equipment, including steam sterilisation Plants.

In addition, 71 dealers were on the register at the end of the year. Regular and frequent inspections were carried out at these premises.

ANALYSIS OF SAMPLES OF ICE CREAM.

Ref.No.	Methylene Blue Test - Provisional Grade: 1	2	3	4	Satisfactory or Not.
1	1	-	-	-	Yes
2	1	-	-	-	Yes.
3	1	-	-	-	Yes.
4	1	-	-	-	Yes.
5	1	-	-	-	Yes.
6	1	-	-	-	Yes.
7	-	-	-	1	No.
8	1	-	-	-	Yes.
9	1	-	-	-	Yes.
10	1	-	-	-	Yes.
11	1	-	-	-	Yes.
12	-	-	-	1	No.
13	1	-	-	-	Yes.
14	1	-	-	-	Yes.
15	1	-	-	-	Yes.
16	1	-	-	-	Yes.
17	1	-	-	-	Yes.
18	1	-	-	-	Yes.
19	-	-	-	1	No.
20	1	-	-	-	Yes.
21	1	-	-	-	Yes.
22	1	-	-	-	Yes.
23	1	-	-	-	Yes.
24	1	-	-	-	Yes.
25	1	-	-	-	Yes.
26	1	-	-	-	Yes.
27	-	1	-	-	Yes.
28	1	-	-	-	Yes.
29	1	-	-	-	Yes.
30	1	-	-	-	Yes.
31	1	-	-	-	Yes.
32	1	-	-	-	Yes.
33	1	-	-	-	Yes.
34	1	-	-	-	Yes.
35	1	-	-	-	Yes.
36	1	-	-	-	Yes.

Ref.No.	Methylene Blue Test - Provisional Grade:				Satisfactory or Not.
	1	2	3	4	
37	-	1	-	-	Yes.
38	1	-	-	-	Yes.
39	1	-	-	-	Yes.
40	1	-	-	-	Yes.
41	1	-	-	-	Yes.
42	1	-	-	-	Yes.

Samples taken... 42

Satisfactory 39

Not Satisfactory 3

INSPECTION AND SUPERVISION OF FOOD.

FOOD HYGIENE REGULATIONS, 1955.

Regular inspections have been carried out to all premises coming within the scope of the Food Hygiene Regulations. Much work has been carried out and on the whole, co-operation has been fairly good. It is hoped to see the completion of the work required under the Regulations during the current year. The work involved has been tremendous and has meant hundreds of additional inspections.

The following table shows the number of the various food premises inspected and the number of inspections carried out during the year 1958.

Description of Premises.	Number.	Number of inspections & re-inspections
Boarding establishments(incl. Boarding houses, Private and licensed hotels)...	140	390
Grocers Shops..	48	113
Grocers/Greengrocers Shops. ...	6	23
Cafes and Snack Bars...	19	57
Butchers Shops and their Preparation Rooms	21	51
Bakehouses and Confectioners...	20	28
Fish Frying Premises...	11	27
Public Houses and Licensed Clubs	13	50
Wet Fish Shops(including Wet Fish/Greengrocers)...	11	23
Greengrocers...	7	30
Canteens(Factory & School). ...	10	11
Sweet Factories	3	10
Miscellaneous Premises..	2	26
TOTAL:	311	839

BOARDING ESTABLISHMENTS, INCLUDING BOARDING HOUSES, PRIVATE AND LICENSED HOTELS. (140 PREMISES).

The following table shows the type of work requested, the work carried out and the amount of work outstanding, at the 31st December, 1958.

TYPE OF WORK.	Work requested.	Work completed.	Work outstanding.
Covering of wooden surfaces with impervious material...	89	86	3
Food rooms not to communicate directly with W.Cs. ...	3	3	-
Provision of clearly legible Notice.	48	45	3
Provision of wash-hand basins with water supply & drying facilities..	115	102	13
Provision of First Aid Box.	5	4	1
Provision of cupboard or locker accommodation... ...	5	5	-
Provision of sinks with water supply and drying facilities.	166	159	7
Replacement of cracked/ crazed/worn and badly chipped sinks..	21	21	-
Provision of permanent ventilation	113	112	1
Provision of opening casement window	1	1	-
Brickwork rendered, plastered and painted.. ...	16	16	-
Redecoration of walls of food rooms.	21	21	-
Redecoration of ceilings of food rooms..	16	16	-
Repairs to defective ceilings...	4	4	-
Repairs to defective walls.	17	15	2
Repairs to defective floors	5	5	-
Covering of wooden floors with impervious material...	19	18	1
Provision of refrigerator..	99	78	21
TOTAL:	763	711	52

108 premises are now in order, complying fully with the Regulations.

GROCERS SHOPS. (48 PREMISES).

The following table shows the type of work required, the work carried out and the amount of work outstanding, at the 31st December, 1958.

TYPE OF WORK.	Work requested	Work completed	Work outstanding.
Covering of wooden surfaces with impervious material..	59	53	6
Protection of open food..	48	47	1
Provision of clearly legible notice...	22	22	-
Provision of wash-hand basins with water supply and drying facilities...	37	34	3
Provision of First Aid Box... ...	32	32	-
Provision of cupboard or locker accommodation	5	5	-
Provision of sinks with water supply & drying facilities... ...	4	3	1
Provision of permanent ventilation	39	39	-
Replacement of cracked/crazed/ worn & badly chipped sinks... ...	2	1	1
Brickwork rendered, plastered and painted..	4	4	-
Repairs to defective ceiling. ...	1	1	-
Repairs to defective walls... ...	5	5	-
Redecoration of ceilings of food rooms...	4	3	1
Redecoration of walls of food rooms	15	15	-
Covering of wooden floors with impervious material..	14	13	1
Renewal of lino floor covering...	8	7	1
Provision of refrigerator	13	10	3
General repairs to male W.C.. ...	1	1	-
Provision of intervening ventilated space between W.C. and food room	1	-	1
Provision of adequate water supply to existing sink..	1	1	-
Repairs to broken window glazing.	1	1	-
Provision of opening casement windows..	3	3	-
Jammed casement window made to open and close properly..	1	1	-
TOTAL:	320	301	19

38 premises are now in order, complying fully with the Regulations.

GROCERS AND GREENGROCERS SHOPS.(6 PREMISES).

The following table shows the type of work requested, the work carried out and the amount of work outstanding, at the 31st December,1958.

TYPE OF WORK.	Work requested.	Work Completed.	Work Outstanding.
Covering of wooden surfaces with impervious material.	7	6	1
Protection by screening of open food ...	6	5	1
Provision of clearly legible notice.. ...	1	1	-
Provision of wash-hand basins with water supply and drying facilities..	6	6	-
Provision of First Aid Box.	4	4	-
Provision of permanent ventilation. ...	2	2	-
Repairs to defective floors..	2	2	-
Covering of wooden floors with impervious material.. ...	1	1	-
Renewal of lino floor covering	1	1	-
Provision of refrigerator..	2	2	-
Jammed casement window made to open & close properly ...	1	1	-
TOTAL:	33	31	2

4 premises are now in order, complying fully with the Regulations.

CAFES & SNACK BARS. (19 PREMISES).

The following table shows the type of work requested, the work carried out and the amount of work outstanding, at the 31st December, 1958.

TYPE OF WORK.	Work requested	Work completed	Work outstanding.
Covering of wooden surfaces with impervious material...	18	18	-
Provision of clearly legible notice	17	16	1
Provision of ventilation to intervening space between W.C. and food room.	2	2	-
Provision of intervening ventilated space between W.C. and food room.	1	1	-
Provision of cupboard or locker accommodation..	4	3	1
Replacement of cracked/crazed/ worn & badly chipped sinks ...	3	3	-
Provision of sinks with water supply & drying facilities ...	4	4	-
Provision of wash-hand basins with water supply & drying facilities.	18	16	2
Provision of First Aid Box ...	3	3	-
Provision of permanent vent^{n}..	13	13	-
Brickwork rendered, plastered and painted...	6	5	1
Covering of wooden floors with impervious material...	5	4	1
Provision of refrigerator. ...	4	4	-
Repairs to defective ceilings.	3	3	-
Redecoration of walls of food rooms.	7	7	-
Redecoration of ceilings of food rooms	7	7	-
Renewal of lino floor covering	3	3	-
Provision of opening casement window...	1	1	-
Provision of artificial lighting to female W.C.... ...	1	-	1
Provision of adequate water supply to existing sinks.. ...	2	1	1
Provision of adequate water supply to existing wash basins	1	-	1
Provision of head gear	1	1	-
Protection of open food... ...	1	1	-
TOTAL:	125	116	9

15 premises are now in order, complying fully with the Regulations.

BUTCHERS SHOPS AND THEIR PREPARATION ROOMS. (21 PREMISES).

The following table shows the type of work requested, the work carried out and the amount of work outstanding at the 31st December, 1958.

TYPE OF WORK.	Work requested	Work completed	Work outstanding.
Covering of wooden surfaces with impervious material...	32	27	5
Cessation of hanging meat in position accessible to public. ...	20	20	-
Provision of clearly legible notice	15	15	-
Provision of ventilation to intervening space between W.C. and food room.	1	1	-
Cleansing and redecoration of W.Cs	4	4	-
Provision of First Aid Box	4	4	-
Provision of cupboard or locker accommodation.	14	13	1
Provision of sinks with water supply and drying facilities.. ...	6	6	-
Replacement of cracked/crazed/worn and badly chipped sinks...	8	7	1
Provision of wash-hand basins with water supply and drying facilities	16	14	2
Provision of permanent ventilation	20	20	-
Brickwork rendered, plastered and painted...	6	3	3
Covering of wooden floors with impervious material...	4	3	1
Redecoration of walls of food room	9	7	2
Redecoration of ceilings of food room..	13	13	-
Provision of suitable receptacles for waste meat	20	20	-
Removal of materials not connected with food business	5	3	2
Repairs to defective floors... ...	3	1	2
Fixed window made to open.	1	-	1
Provision of opening casement window	1	-	1
Renew defective window boards and shop counter..	1	1	-
Provision of artificial lighting..	1	1	-
Repairs to defective ceiling.. ...	1	1	-
Provision of refrigerator.	1	1	-
TOTAL:	206	185	21

17 premises are now in order, complying fully with the Regulations.

BAKEHOUSES AND CONFECTIONERS SHOPS. (20 PREMISES).

The following table shows the type of work requested, the work carried out and the amount of work outstanding at the 31st December, 1958.

TYPE OF WORK.	Work requested	Work completed	Work outstanding.
Covering of wooden surfaces with impervious material...	29	26	3
Protection by screening of open food..	18	18	-
Provision of clearly legible notice	15	14	1
Provision of ventilation to intervening space between W.C. and food room.	1	1	-
Provision of cupboard or locker accommodation.	9	8	1
Replacement of cracked/crazed/ worn & badly chipped sinks	6	6	-
Provision of wash-hand basins with water supply and drying facilities	14	11	3
Provision of adequate water supply to existing wash basin. ..	1	1	-
Provision of permanent ventilation...	20	18	2
Brickwork rendered, plastered and painted...	11	11	-
Covering of wooden floors with impervious material...	3	3	-
Provision of refrigerator.	1	1	-
Redecoration of walls of food rooms.	10	9	1
Redecoration of ceilings of food rooms	8	7	1
Provision of opening casement window	1	1	-
Provision of adequate water supply to existing sink..	1	1	-
Repairs to defective floors... ..	5	5	-
Protection of open food...	3	3	-
Repairs to defective ceiling.. ..	1	-	1
Repairs to broken window glazing.	1	-	1
TOTAL:	158	144	14

17 premises are now in order, complying fully with the Regulations.

FISH FRYING PREMISES. (11 PREMISES).

The following table shows the type of work requested, the work carried out and the amount of work outstanding at the 31st December, 1958.

TYPE OF WORK	Work requested	Work completed	Work outstanding
Covering of wooden surfaces with impervious material.....	13	13	-
Protection of open food.. ...	12	12	-
Discontinuance of use of newspaper as wrapping material.	12	12	-
Provision of wash-hand basins with water supply and drying facilities...	12	11	1
Provision of First Aid Box...	8	8	-
Provision of clearly legible notice...	5	5	-
Provision of cupboard or locker accommodation.	1	1	-
Provision of sinks with water supply and drying facilities.	2	2	-
Replacement of cracked/crazed /worn and badly chipped sinks.	1	1	-
Provison of permanent ventilation..	14	14	-
Brickwork rendered, plastered and painted..	7	6	1
Redecoration of ceilings of food rooms...	4	3	1
Redecoration of walls of food rooms...	4	2	2
Covering of wooden floor with impervious material..	1	1	-
Renewal of lino floor covering..	1	1	-
Repairs to defective floors..	2	1	1
Provision of refrigerator ...	2	2	-
Repairs to defective ceilings.	2	2	-
Lining of walls with impervious material..	1	1	-
TOTAL:	104	98	6

9 premises are now in order, complying fully with the Regulations.

PUBLIC HOUSES & LICENSED CLUBS.
(13 PREMISES)

The following table shows the type of work requested, the work carried out and the amount of work outstanding, at the 31st December, 1958.

TYPE OF WORK.	Work requested	Work completed	Work outstanding.
Provision of clearly legible notice...	13	12	1
Provision of ventilation to intervening space between W.C. and food room	1	-	1
Provision of intervening ventilated space between W.C. and food room	4	1	3
Redecoration of walls and ceiling of W.C...	1	1	-
Provision of wash-hand basins with water supply and drying facilities...	13	9	4
Provision of First Aid Box...	12	12	-
Redecoration of walls and ceilings of food rooms... ...	10	8	2
Covering of wooden floors with impervious material. ...	2	-	2
Cleansing and limewashing of walls & ceilings of cellars..	6	6	-
Prevention of penetrating dampness in cellar...	1	-	1
Repairs to defective ceilings	4	3	1
Renewal of broken sashcords..	1	1	-
Covering of wooden bar counters, etc. with impervious material.	7	6	1
Renewal of lino floor coverings	2	2	-
Replacement of wooden sink by metal one.	1	-	1
Prevention of dampness in walls	2	2	-
Repairs to defective walls...	1	-	1
Provision of refrigerator ...	1	-	1
Removal of materials not connected with food business.	1	1	-
TOTAL:	83	64	19

5 premises are now in order, complying fully with the Regulations.

WET FISH & WET FISH/GREENGROCERS SHOPS. (11 PREMISES).

The following table shows the type of work requested, the work carried out and the amount of work outstanding at the 31st December, 1958.

TYPE OF WORK.	Work requested	Work completed	Work outstanding.
Covering of wooden surfaces with impervious material	13	13	-
Protection of wet fish..	11	11	-
Separation of wet fish side of business from greengrocery side.	4	4	-
Discontinuance of use of newspaper as a wrapping material	9	9	-
Provision of clearly legible notice..	3	3	-
Provision of ventilation to intervening space between W.C. and food room...	1	1	-
Repairs and decoration to external W.C....	1	1	-
Provision of First Aid Box.. ...	7	7	-
Provision of cupboard or locker accommodation	4	4	-
Provision of sinks with water supply and drying facilities ...	3	2	1
Provision of wash-hand basins with water supply and drying facilities..	9	9	-
Provision of permanent ventilation...	6	5	1
Brickwork rendered, plastered and painted..	4	4	-
Ceiling underdrawn..	1	1	-
Repairs to defective floor.. ...	2	2	-
Redecoration of ceilings of food rooms..	4	4	-
Covering of wooden floors with impervious material.	3	3	-
Provision of refrigerator... ...	2	2	-
Provision of waste bin..	9	9	-
Removal of materials unconnected with food business..	2	2	-
Repairs to broken window glazing	1	1	-
Provision of opening casement window..	1	1	-
TOTAL:	100	98	2

10 premises are now in order, complying fully with the Regulations.

GREENGROCERS' SHOPS.
(7 PREMISES)

The following table shows the type of work requested, the work carried out and the amount of work outstanding, at the 31st December, 1958.

TYPE OF WORK.	Work requested	Work completed	Work outstanding.
Covering of wooden surfaces with impervious material... ...	1	1	-
Provision of sink with water supply and drying facilities...	1	1	-
Protection by screening of open food..	1	-	1
Provision of clearly legible notice.	1	1	-
Provision of wash hand basin with water supply and drying facilities.	7	7	-
Provision of First Aid Box. ...	5	5	-
Provision of cupboard or locker accommodation...	1	1	-
Provision of permanent ventilation	5	5	-
Covering of wooden floors with impervious material	3	3	-
Provision of refrigerator.. ...	1	1	-
Provision of opening casement window.	1	1	-
TOTAL:	27	26	1

6 premises are now in order, complying fully with the Regulations.

C A N T E E N S.

(10 PREMISES).

The following table shows the type of work requested, the work carried out and the amount of work outstanding, at the 31st December, 1958.

TYPE OF WORK.	Work requested	Work completed	Work outstanding.
Provision of clearly legible notice...	5	5	-
Provision of intervening ventilated space between W.C. and food room	1	-	1
Replacement of cracked/crazed /worn and badly chipped sinks	2	1	1
Provision of wash-hand basin with water supply and drying facilities...	1	1	-
Brickwork rendered, plastered and painted..	2	2	-
Provision of natural lighting to female W.Cs...	1	-	1
Redecoration of walls of food rooms...	4	4	-
Redecoration of ceilings of food rooms...	4	4	-
Renewal of broken window glazing..	1	1	-
Covering of wooden surfaces with impervious material. ...	7	5	2
Repairs to broken gauze of roof ventilation.	1	1	-
Replacement of corroded sink.	1	1	-
Renewal of lino floor covering.	1	-	1
TOTAL:	31	25	6

7 premises are now in order, complying fully with the Regulations.

SWEET FACTORIES.

(3 PREMISES)

The following table shows the type of work requested, and also that all the work has been completed.

TYPE OF WORK.	Work requested	Work completed	Work outstanding.
Provision of clearly legible notice...	3	3	-
Provision of head covering...	2	2	-
Provision of sinks with water supply and drying facilities.	3	3	-
Provision of wash-hand basins with water supply and drying facilities...	3	3	-
Provision of cupboard or locker accommodation.	3	3	-
Provision of permanent ventilation..	3	3	-
Brickwork rendered,plastered and painted..	5	5	-
More frequent cleansing of floors...	5	5	-
Redecoration of walls of food rooms...	4	4	-
Redecoration of ceilings of food rooms...	6	6	-
Repairs to defective ceilings	2	2	-
Repairs to defective walls...	1	1	-
Provision of adequate water supply to existing sink.. ...	1	1	-
Covering of wooden surfaces with impervious material, ...	1	1	-
Repairs to defective floor...	1	1	-
TOTAL:	43	43	-

All three premises are now in order, complying fully with the Regulations.

METEOROLOGICAL OBSERVATIONS.

The rainfall is taken daily at 9.0 a.m. at the Council's Depot, and reports are placed monthly before the Council.

YEAR.	JAN.	FEB.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL.
1940	2.60	1.65	3.25	1.76	1.71	0.40	2.77	1.15	2.37	3.62	4.51	3.20	28.99
1941	1.18	3.49	2.29	0.72	3.10	0.57	0.94	2.42	0.90	4.10	1.95	1.03	22.69
1942	3.04	1.47	2.22	1.53	2.93	0.77	3.02	3.85	2.32	3.31	0.81	3.36	28.63
1943	5.83	1.74	0.55	1.92	3.29	2.10	4.63	4.74	4.78	4.50	2.73	1.56	38.37
1944	3.59	1.00	0.49	3.20	2.38	1.79	2.76	3.19	4.27	4.43	6.27	3.73	37.10
1945	2.29	4.54	1.57	1.70	3.40	2.80	2.59	0.71	3.48	5.21	0.15	2.93	31.37
1946	4.99	3.71	0.93	1.06	1.91	2.42	3.73	4.15	5.06	0.57	6.09	4.26	38.88
1947	2.95	0.55	4.81	3.21	4.57	2.43	3.16	0.66	3.45	0.50	3.73	2.08	32.10
1948	6.19	1.58	1.62	1.21	1.33	5.03	1.79	3.09	4.68	3.20	2.73	2.39	34.84
1949	1.85	1.36	1.74	2.77	3.04	0.30	3.21	2.55	0.79	4.74	3.35	5.25	30.95
1950	1.56	4.05	1.67	2.02	0.75	1.47	2.78	6.60	6.33	3.27	4.39	2.60	37.49
1951	4.03	3.19	4.67	1.10	3.34	1.04	1.52	3.37	3.74	1.53	9.04	7.61	44.18
1952	2.94	0.79	2.26	2.87	2.71	2.41	1.42	3.51	3.56	3.73	1.71	3.24	31.15
1953	1.52	0.85	0.54	2.66	2.07	1.62	4.60	3.86	5.18	1.78	4.57	1.85	31.10
1954	2.44	3.47	2.07	1.08	2.88	4.17	4.65	4.96	7.16	10.07	7.77	4.62	55.34
1955	2.77	2.42	1.64	2.05	2.58	4.51	2.29	1.22	3.14	3.04	2.29	4.40	32.35
1956	4.64	0.42	1.36	2.25	1.91	2.35	4.44	12.96	4.08	3.39	2.10	4.79	44.69
1957	4.36	3.39	2.56	0.41	3.74	2.20	4.16	5.73	6.07	6.53	1.69	5.25	46.09
1958	4.52	6.28	1.52	1.52	4.00	4.09	3.19	3.39	3.65	4.15	1.92	3.39	41.62

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